

## WE CLAIM:

1           1. A box-erecting apparatus comprising:  
2           a supply holding a stack of flattened blanks;  
3           an erecting station spaced in a transport direction  
4           from the supply and provided with means including a plunger for  
5           erecting a flattened blank into an upwardly open box;  
6           a support between the supply and the station positioned  
7           to receive a flattened blank;  
8           an inner arm between the supply and the station and  
9           having an inner end pivoted about an inner axis transverse to the  
10          direction and an outer end;  
11          an outer arm having an inner end pivoted on the inner-  
12          arm outer end about an outer axis generally parallel to the inner  
13          axis and an outer end;  
14          a grab on the outer-arm outer end; and  
15          drive means for pivoting the arms about the respective  
16          axes between a position with the grab engaging one of the blanks  
17          in the support and a position depositing one of the blanks on the  
18          support.

1           2. The box-erecting apparatus defined in claim 1  
2           wherein the drive means includes respective independently  
3           operable drives connected to the arms.

1           3. The box-erecting apparatus defined in claim 2  
2 wherein the inner and outer axes are horizontal and the direction  
3 is horizontal.

1           4. The box-erecting apparatus defined in claim 3  
2 wherein the support is horizontally displaceable in the transport  
3 direction.

1           5. The box-erecting apparatus defined in claim 3  
2 wherein the supply and inner axes are horizontally displaceable  
3 on the apparatus.

1           6. The box-erecting apparatus defined in claim 3  
2 wherein the plunger is vertically adjustable.

1           7. The box-erecting apparatus defined in claim 6  
2 wherein the plunger is vertically shiftable between an upper  
3 position and a lower position and the upper position is  
4 adjustable.

1                   8. The box-erecting apparatus defined in claim 1  
2 wherein the erecting station includes elements engageable with  
3 flaps of the blank.

1                   9. The box-erecting apparatus defined in claim 8  
2 wherein the elements form an upwardly open die that is openable  
3 in the transport direction.